

This Page Is Inserted by IFW Operations  
and is not a part of the Official Record

## **BEST AVAILABLE IMAGES**

Defective images within this document are accurate representations of the original documents submitted by the applicant.

Defects in the images may include (but are not limited to):

- BLACK BORDERS
- TEXT CUT OFF AT TOP, BOTTOM OR SIDES
- FADED TEXT
- ILLEGIBLE TEXT
- SKEWED/SLANTED IMAGES
- COLORED PHOTOS
- BLACK OR VERY BLACK AND WHITE DARK PHOTOS
- GRAY SCALE DOCUMENTS

**IMAGES ARE BEST AVAILABLE COPY.**

**As rescanning documents *will not* correct images,  
please do not report the images to the  
Image Problem Mailbox.**

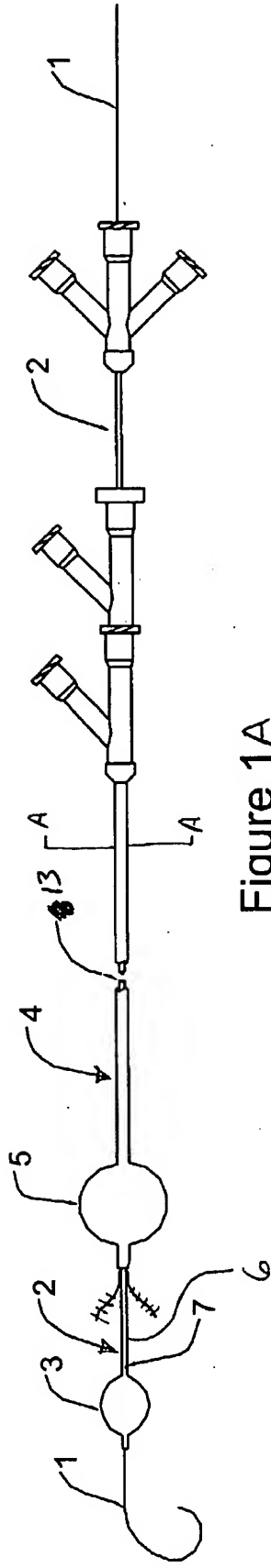


Figure 1A

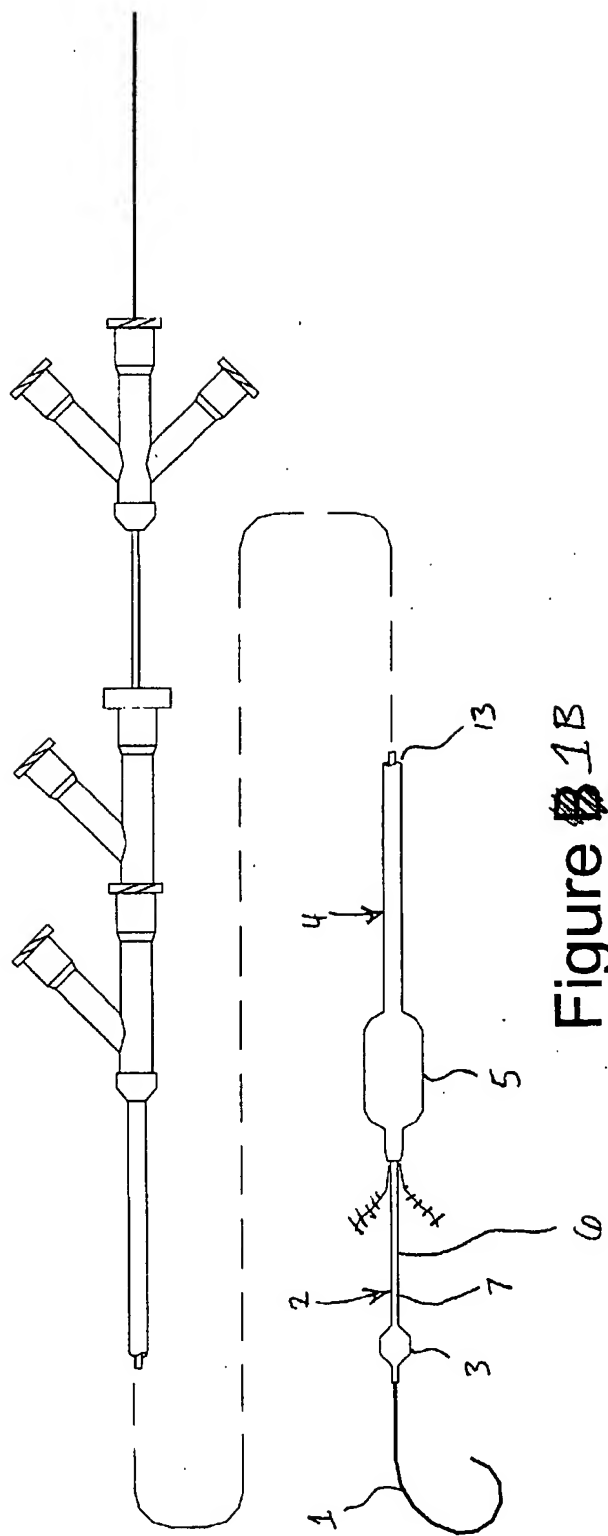


Figure 1B

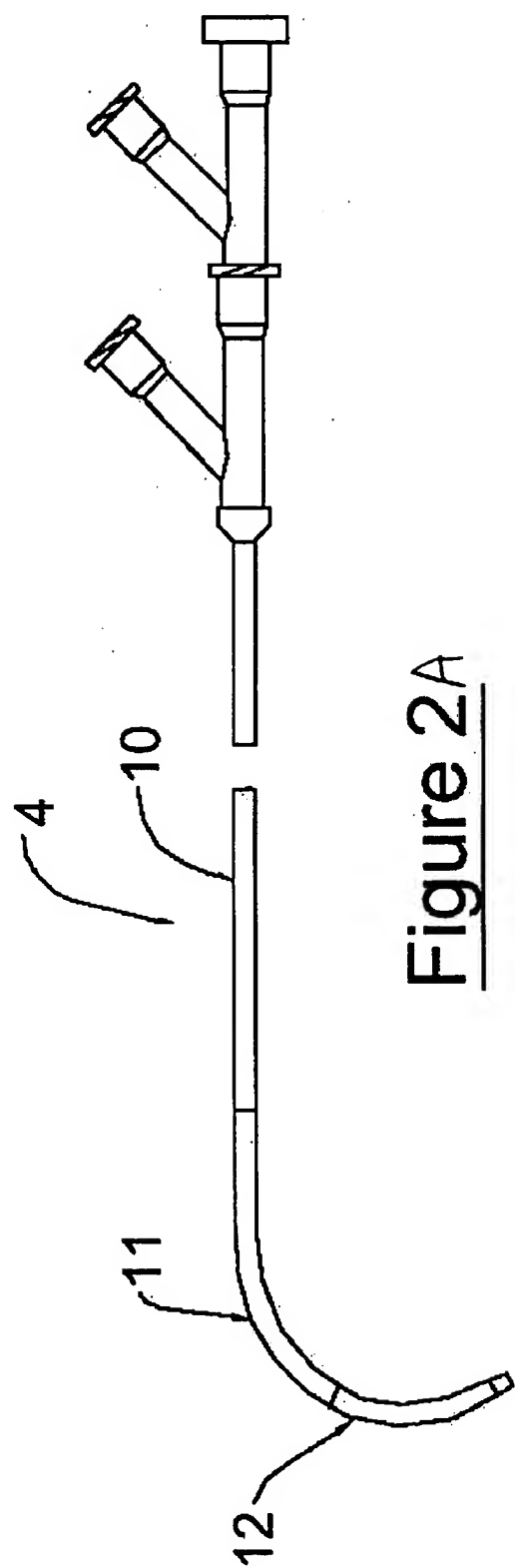


Figure 2A

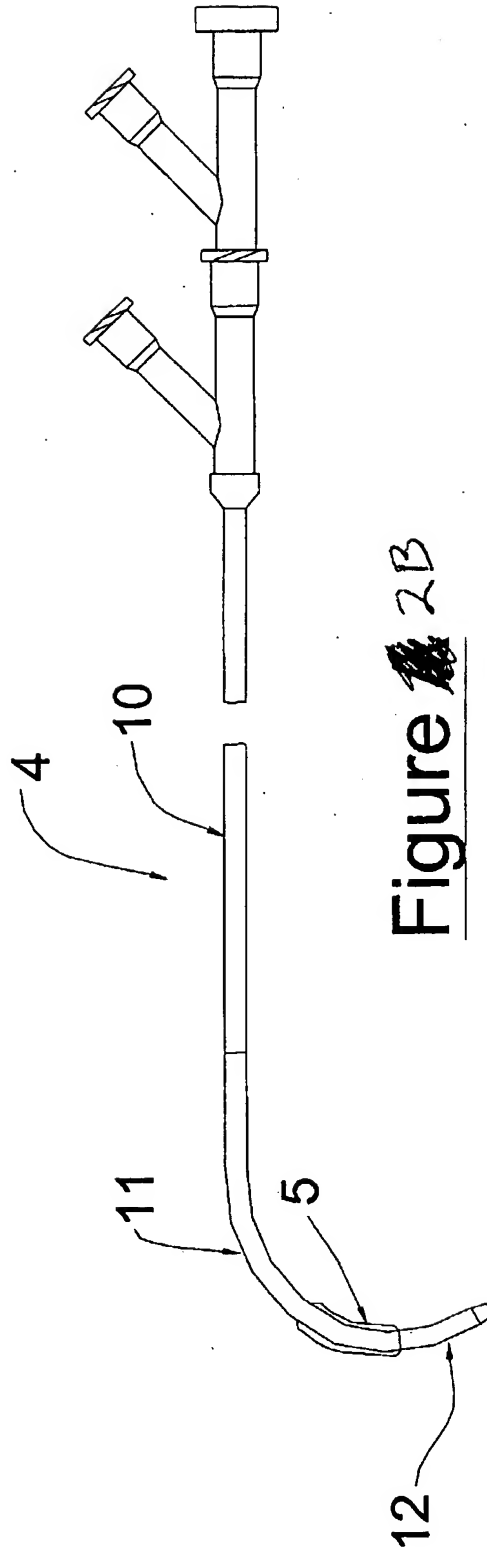


Figure 2B

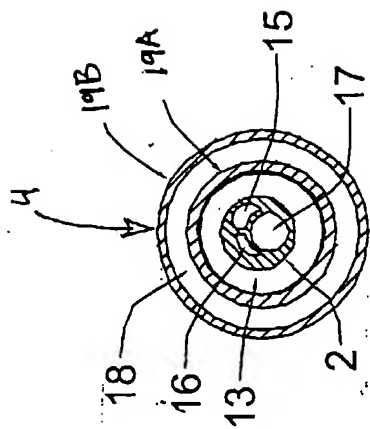


Figure 4

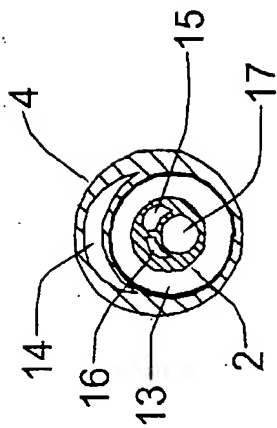


Figure 3

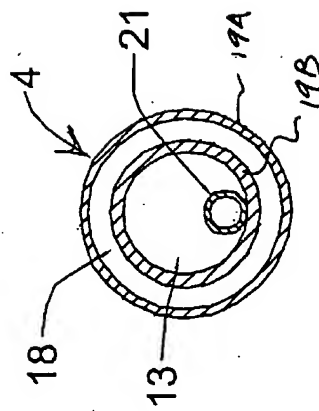


Figure 6

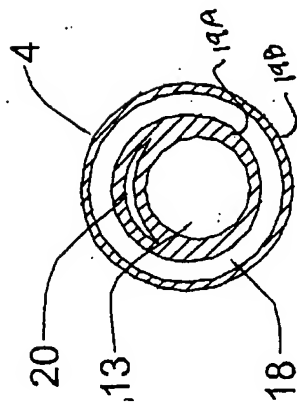


Figure 5

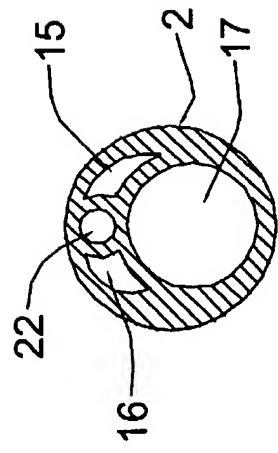


Figure 7

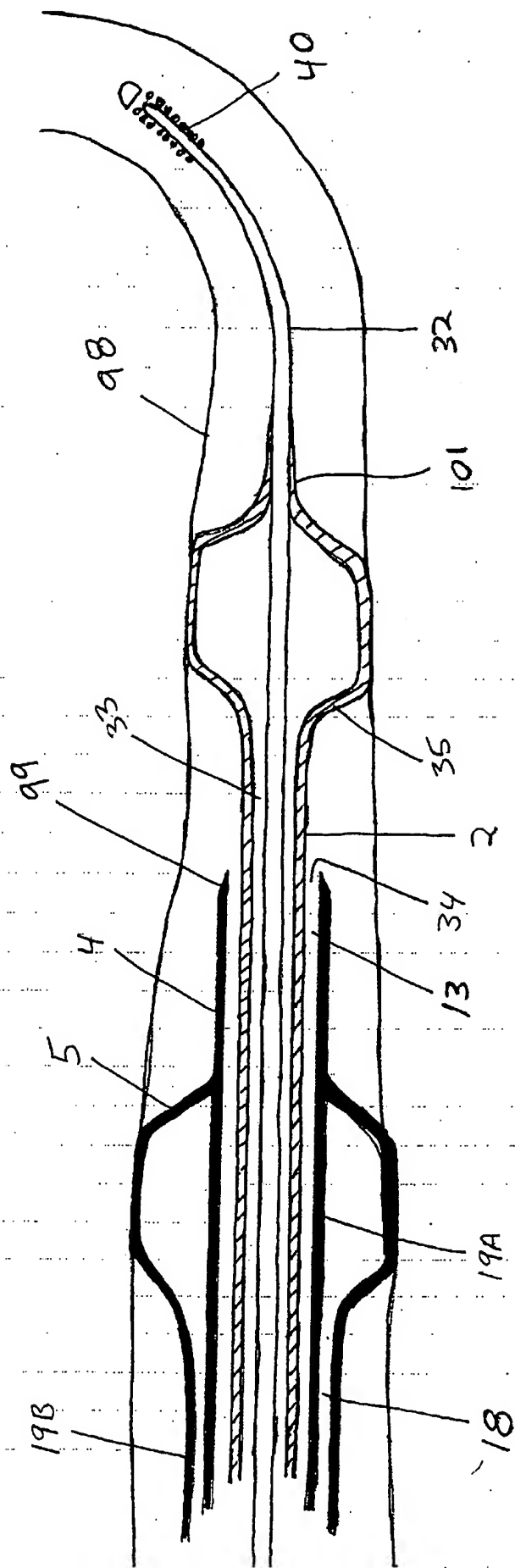


FIGURE 8A



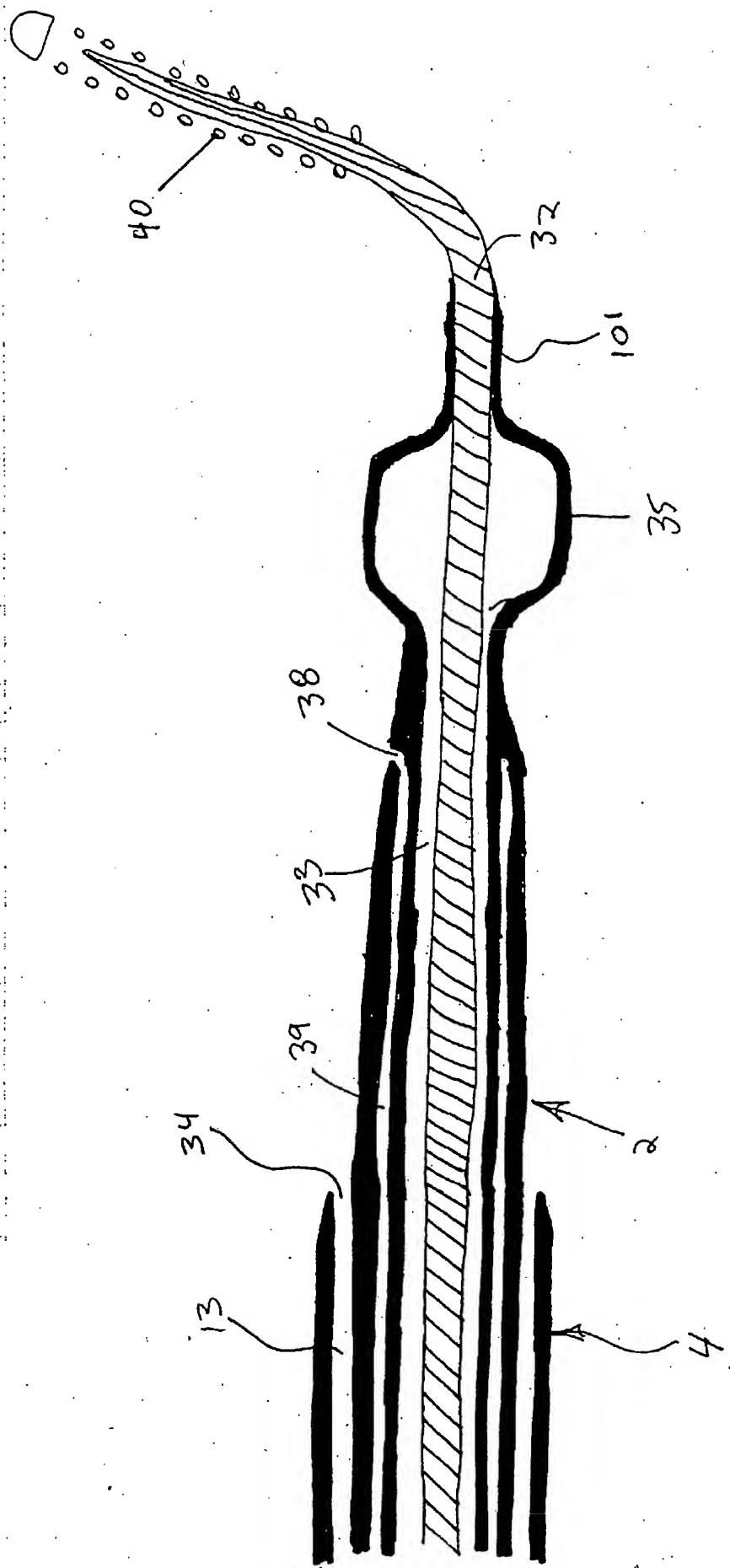


FIG. 8B

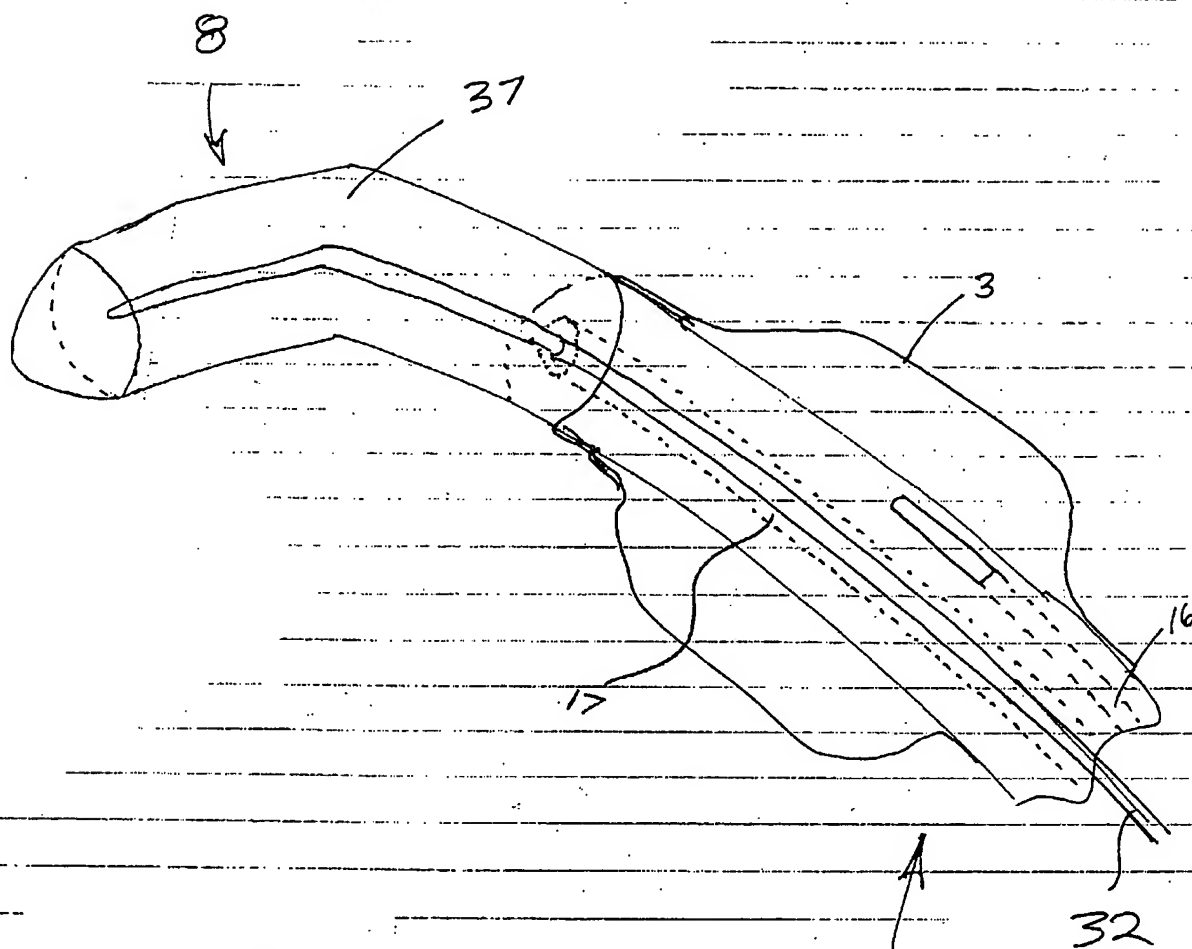
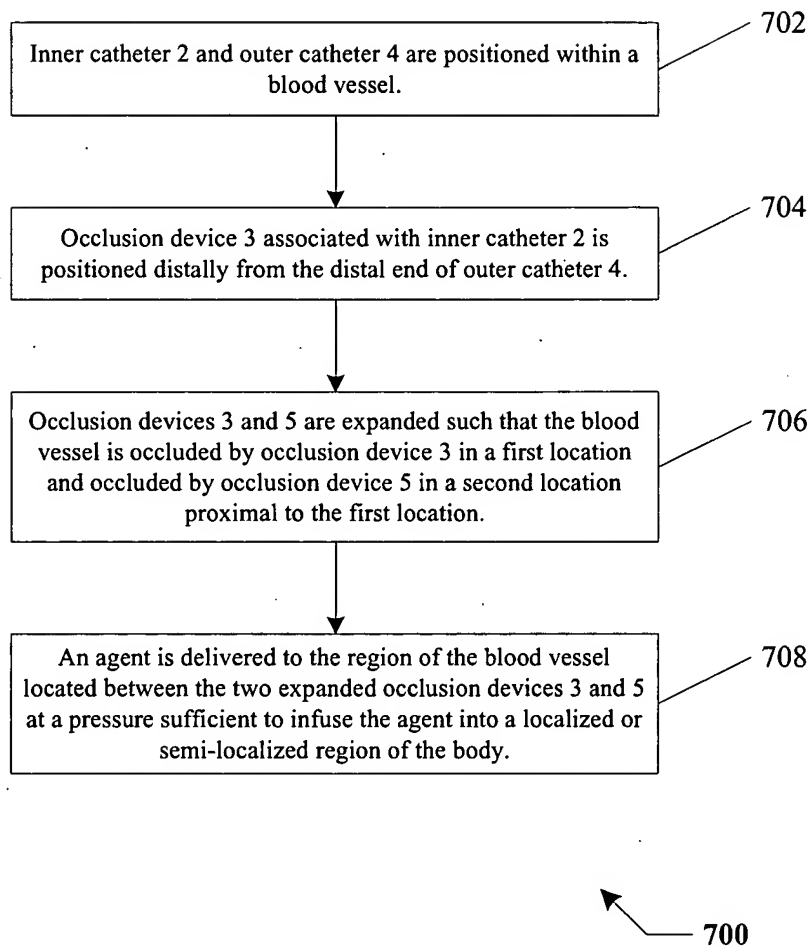


FIG. 9



**Figure 10**

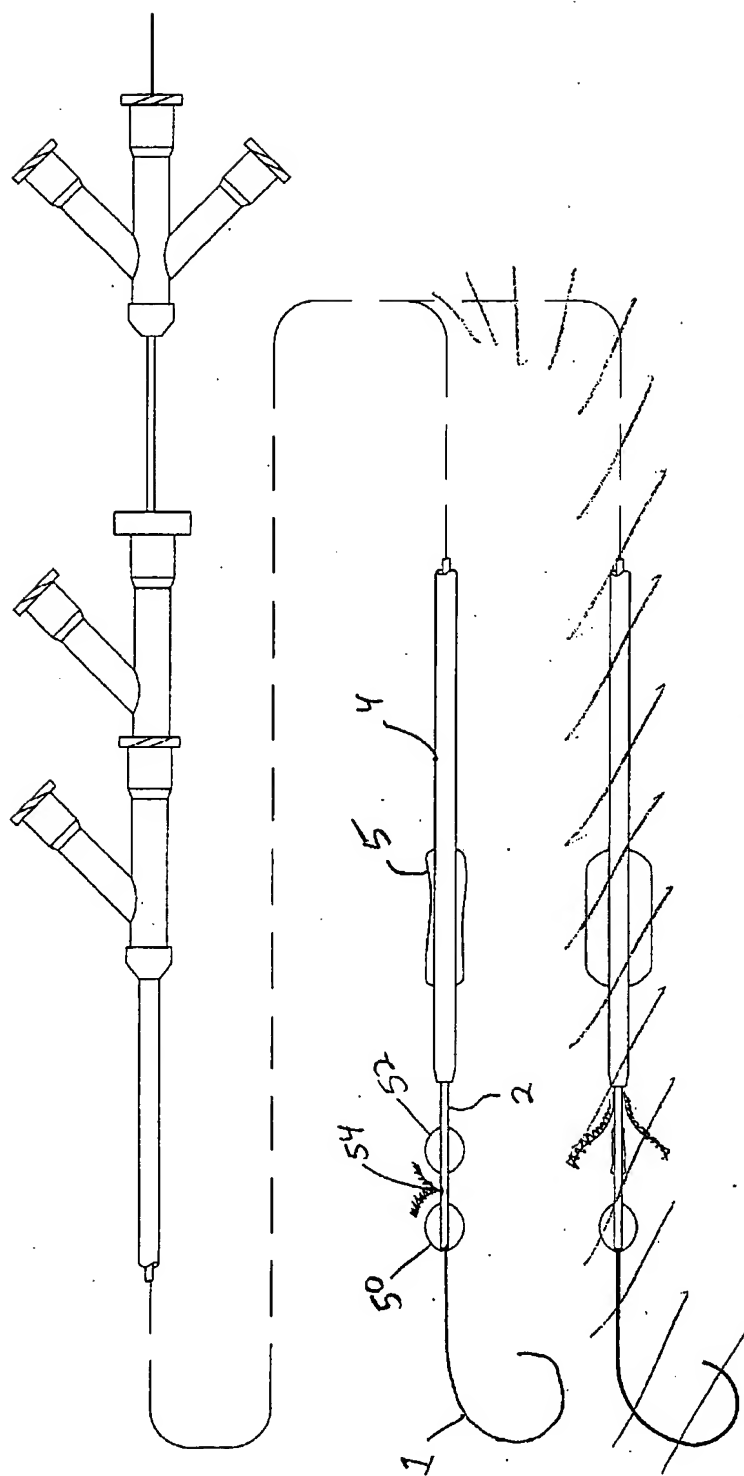


Figure 1/A

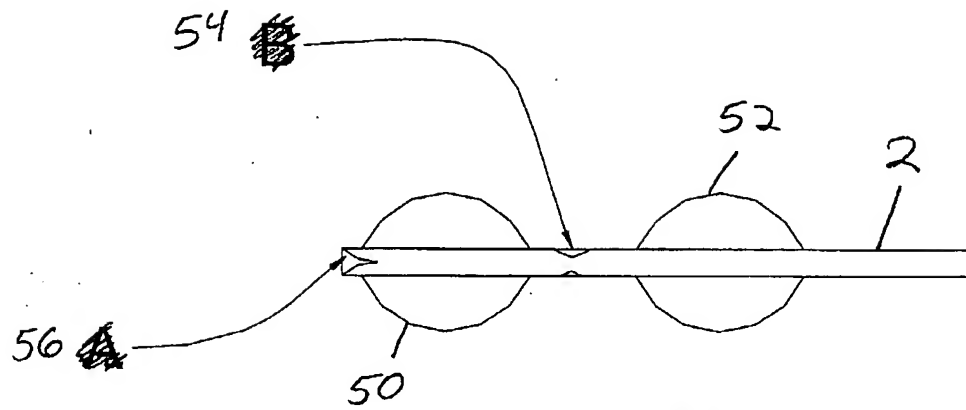


Figure 11B

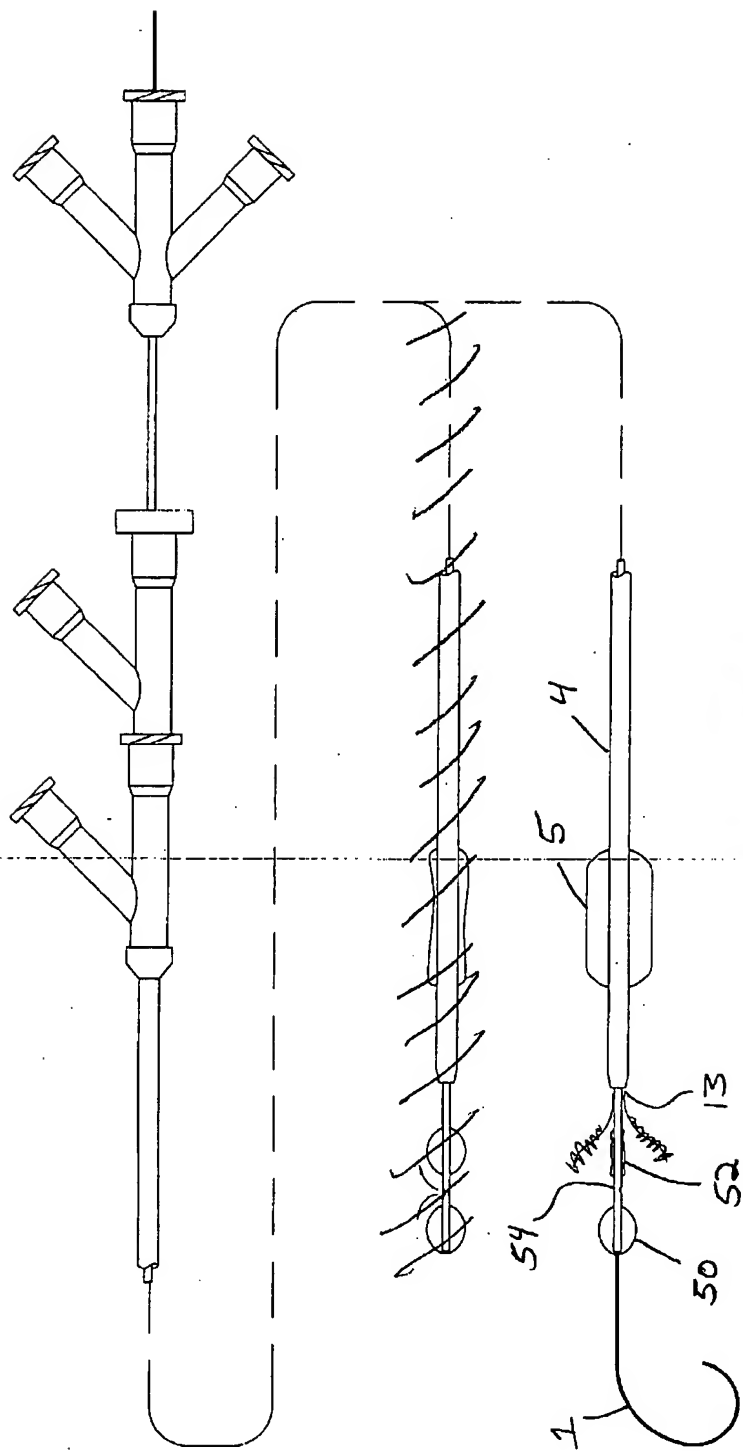
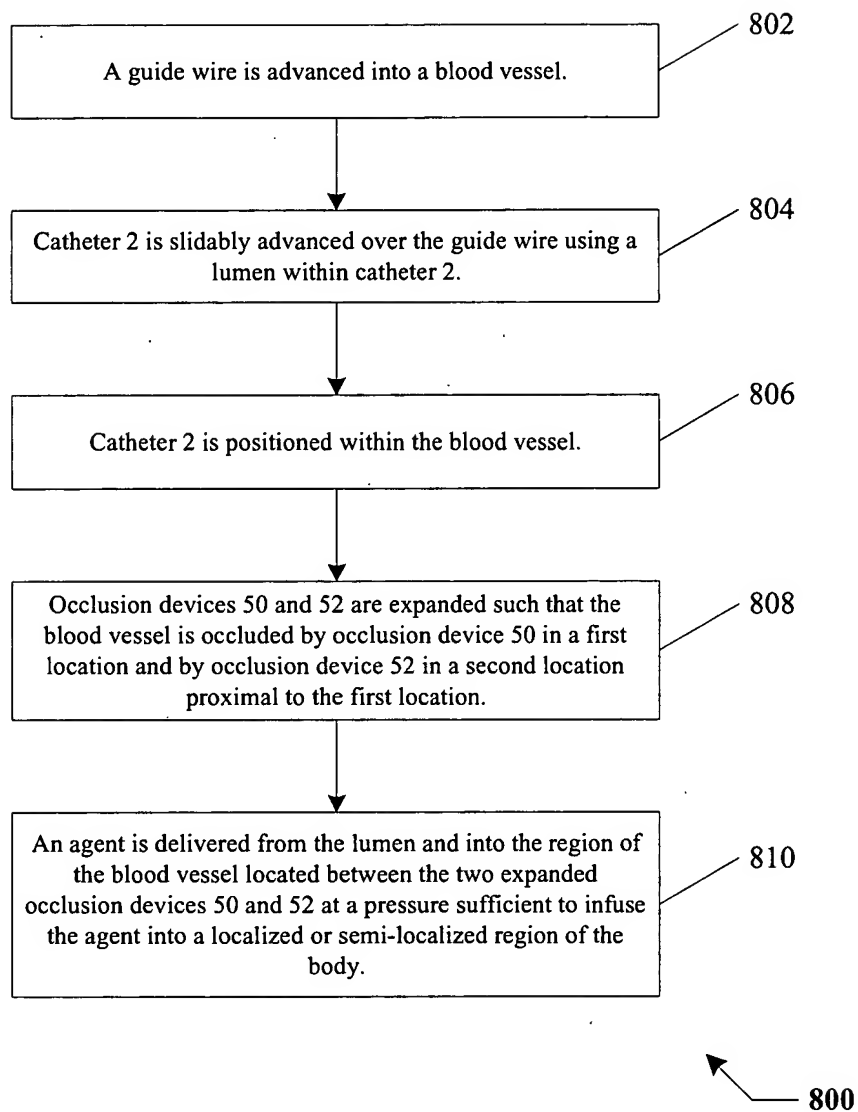
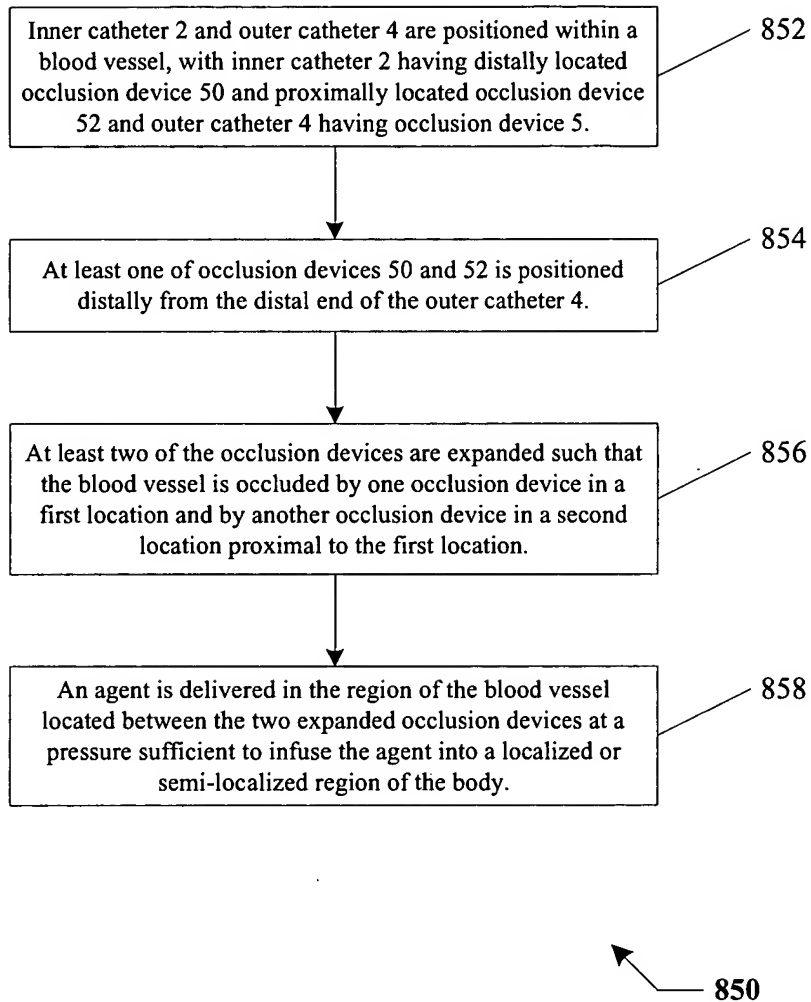


Figure 11C



**Figure 12A**



**Figure 12B**



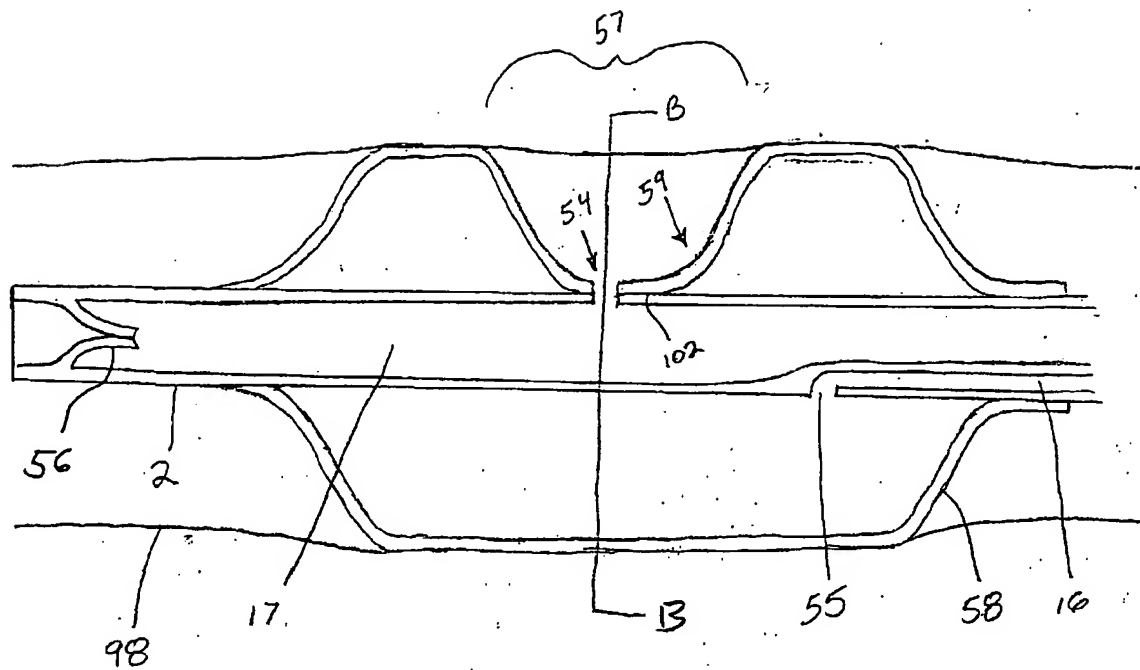


FIG. 13A

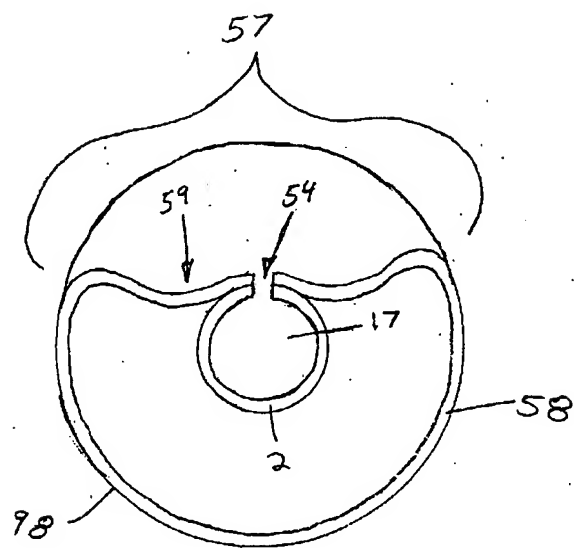


FIG. 13B

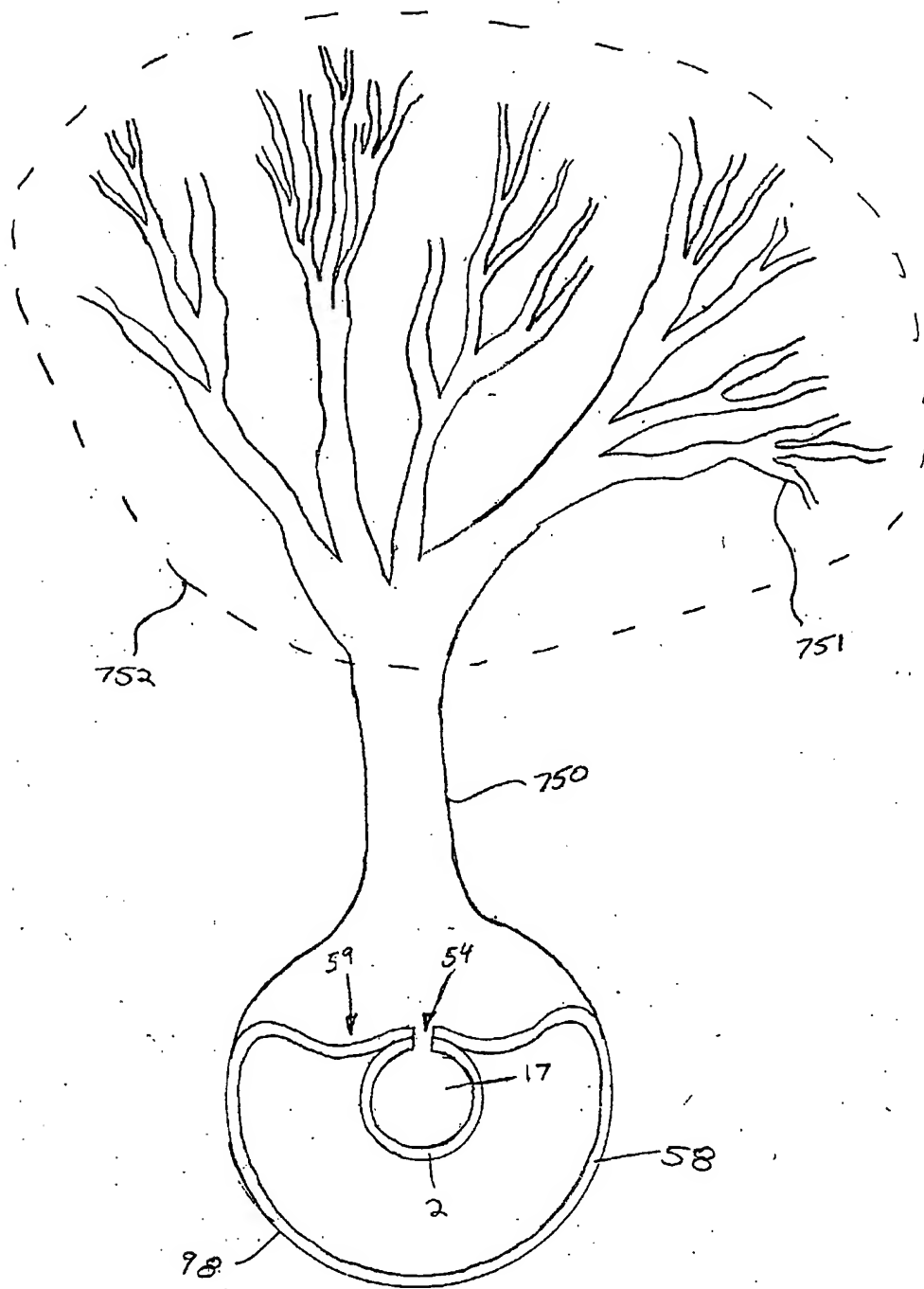
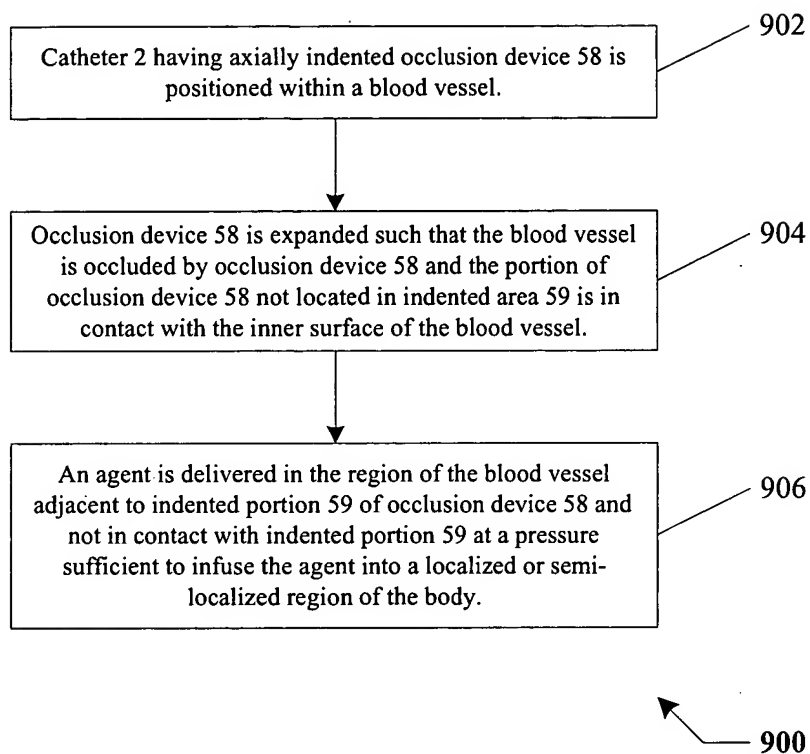


FIG. 13C



**Figure 14**

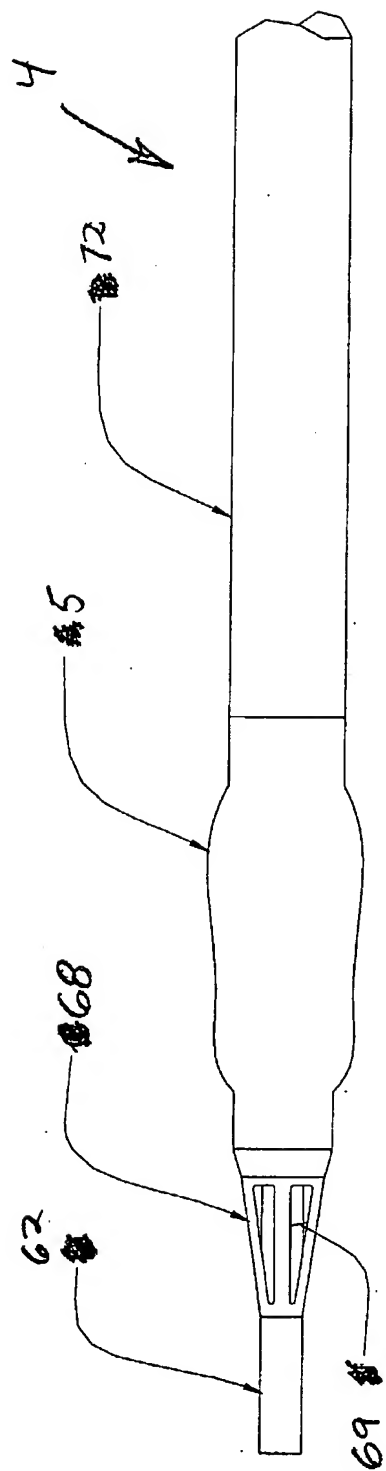


Figure ~~10~~ 15A

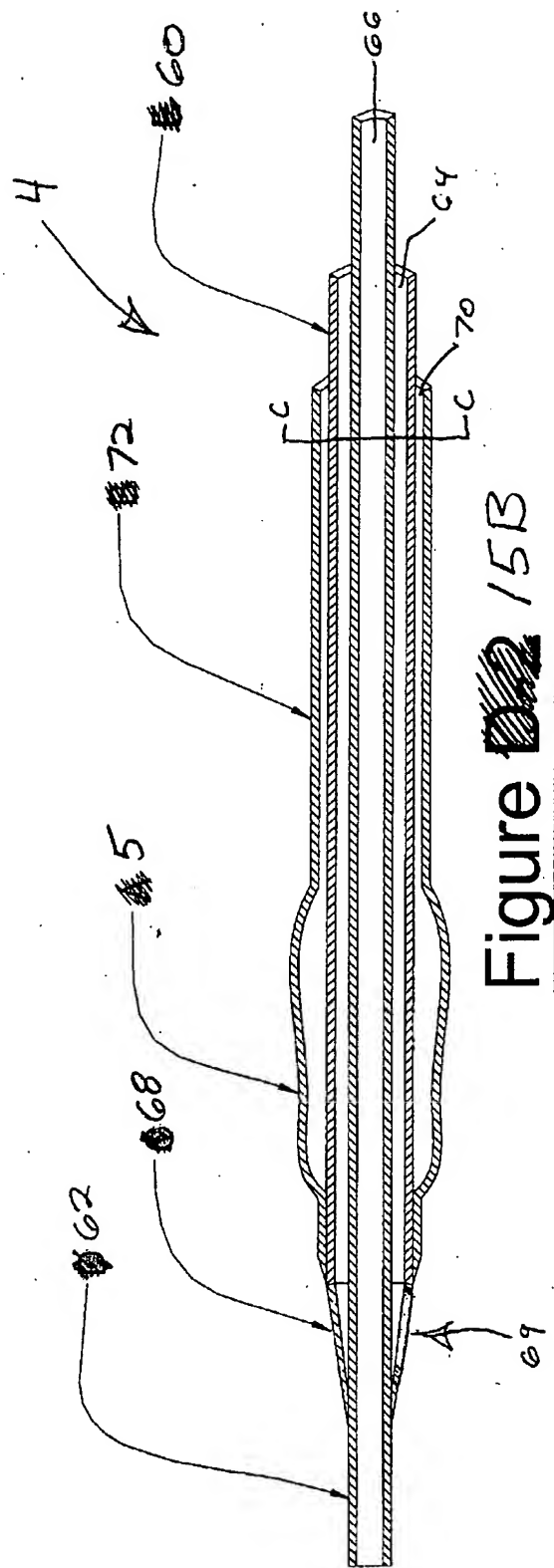


Figure ~~D2~~ 15B

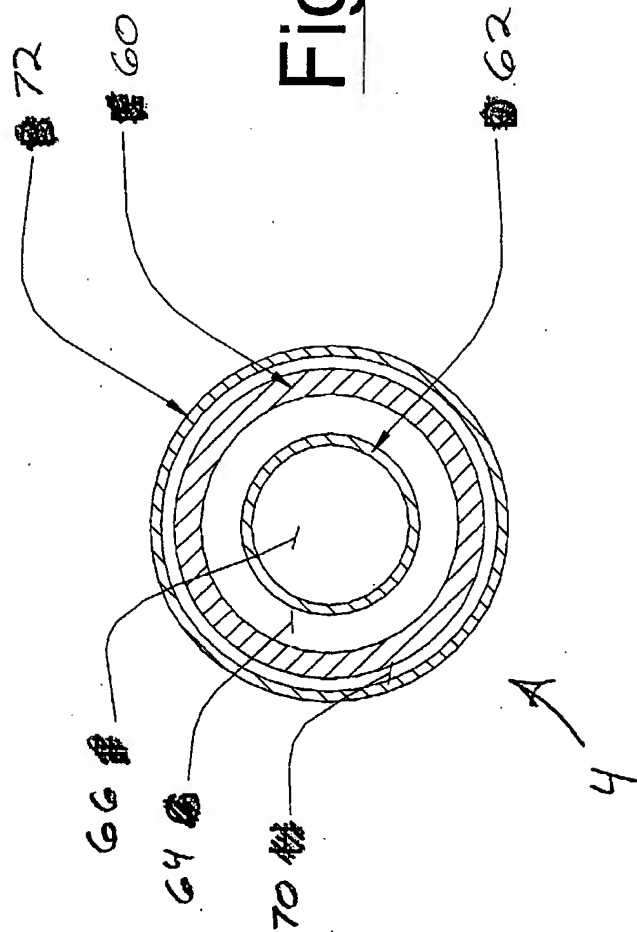
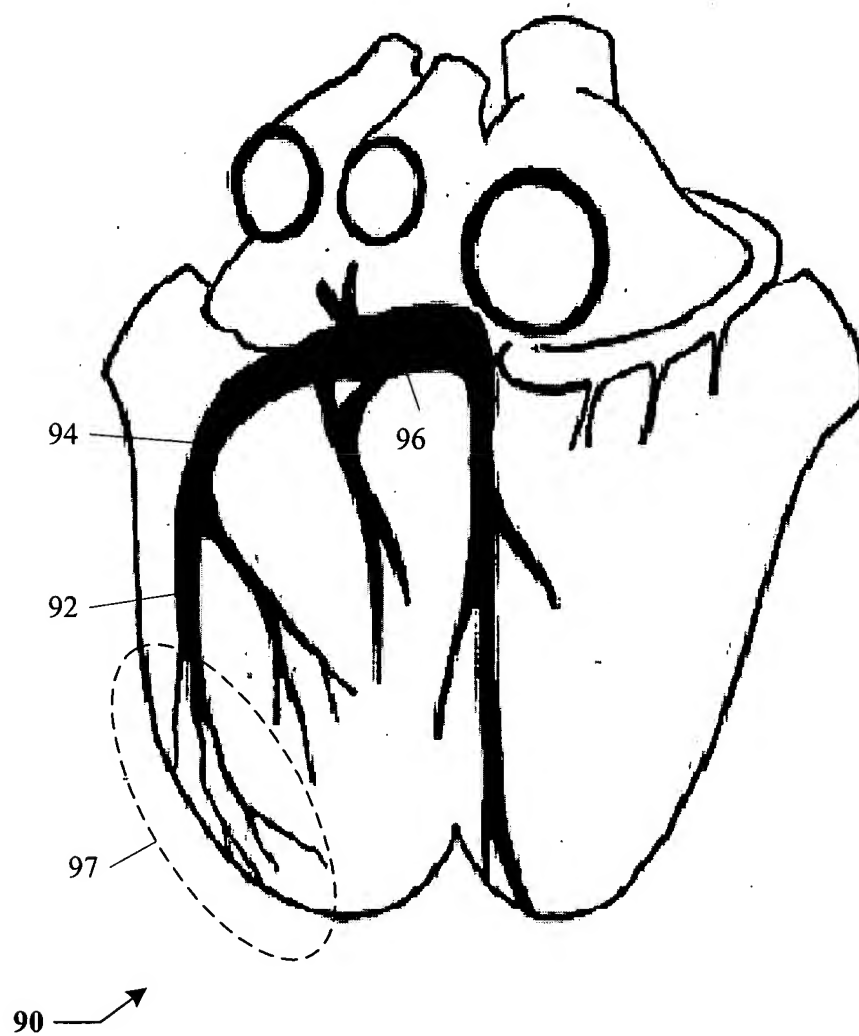
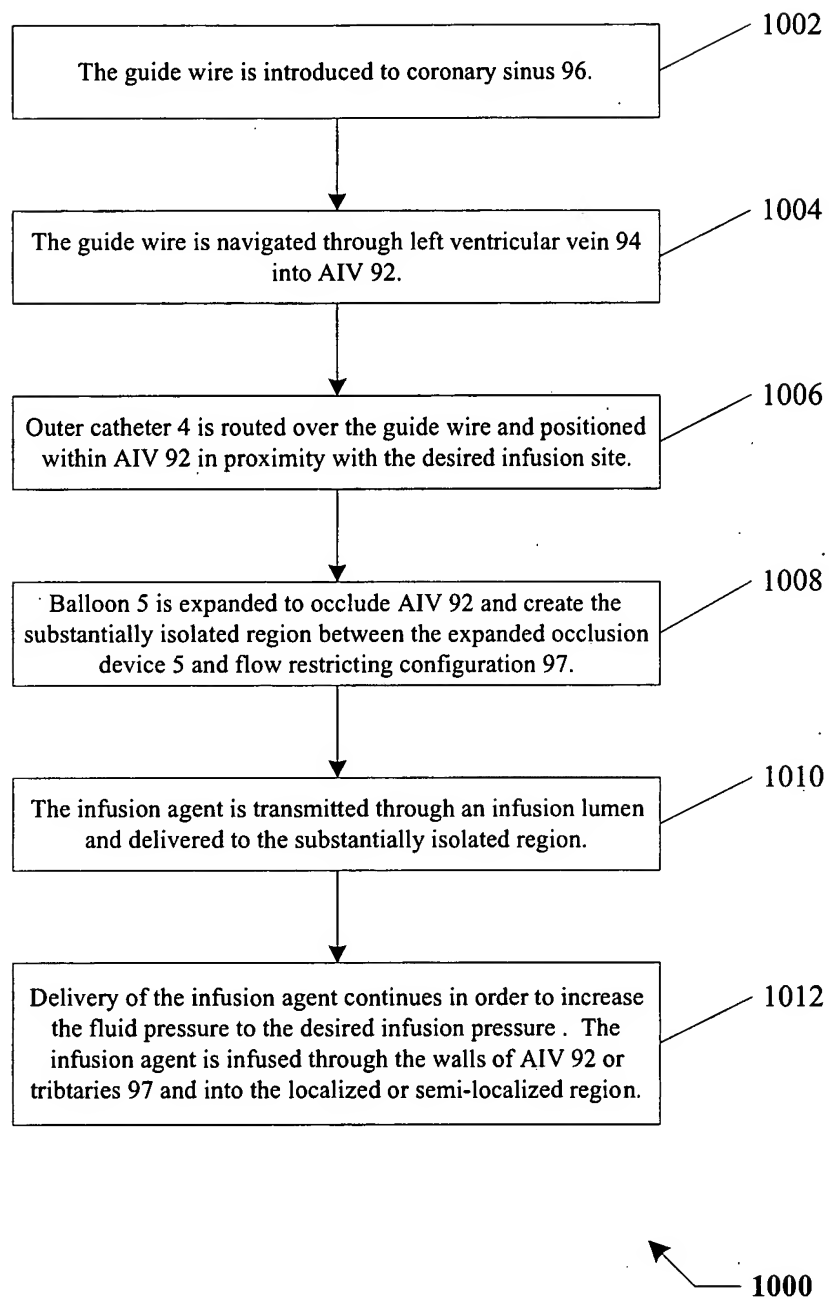


Figure ~~D3~~ 15C



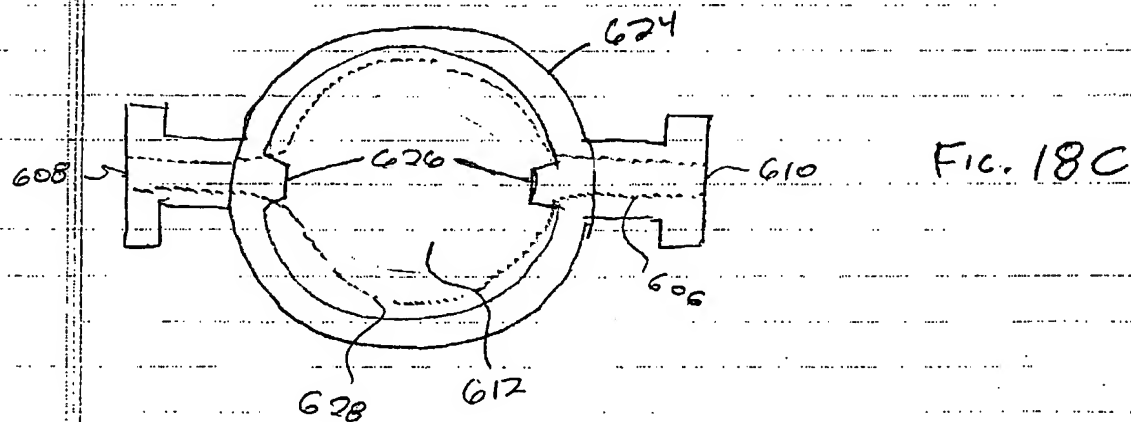
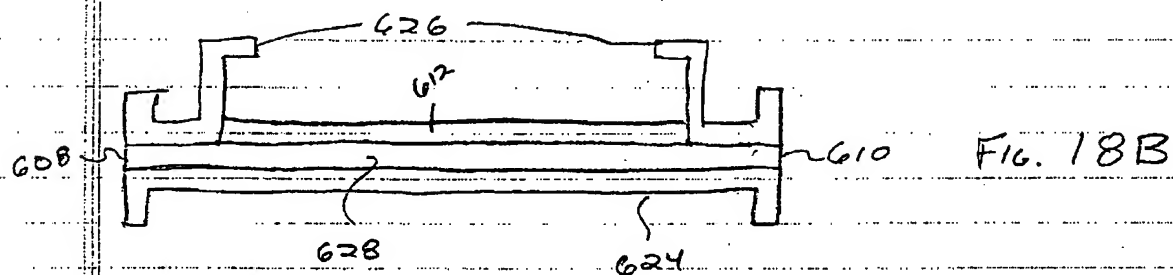
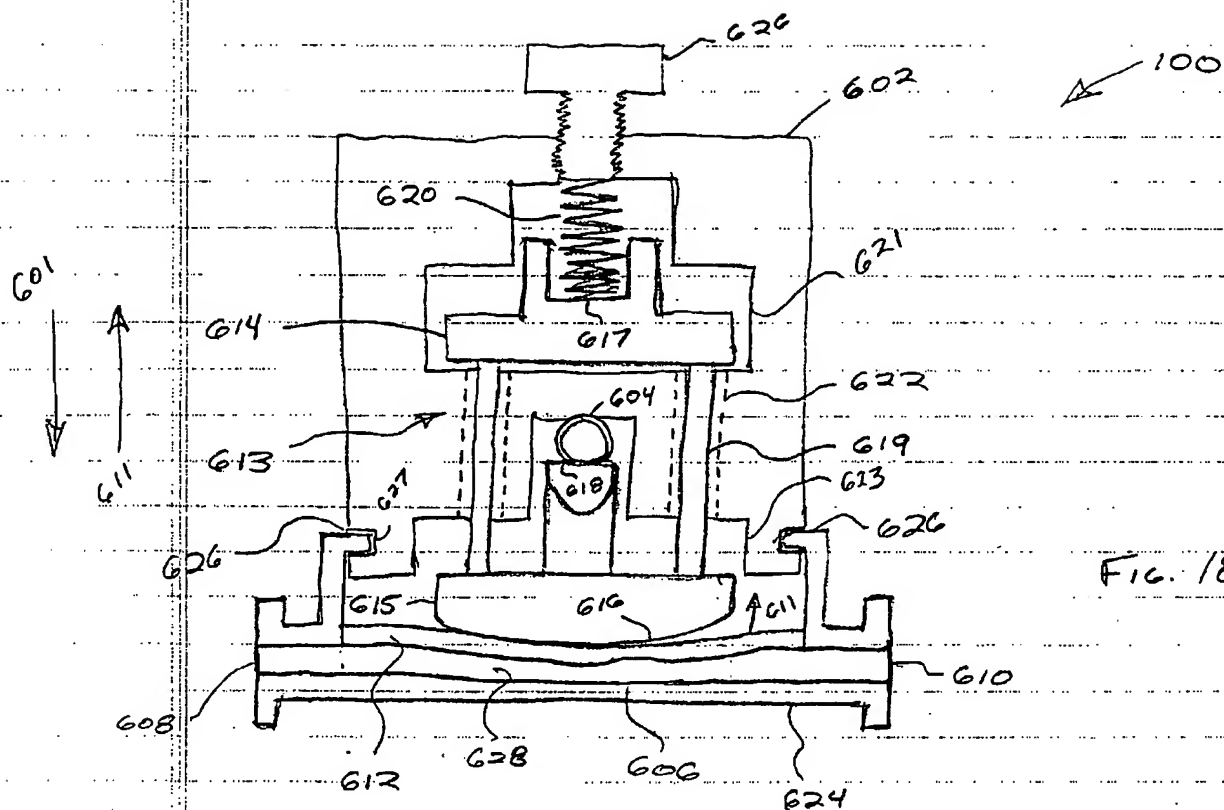
**Figure 16A**



**Figure 16B**







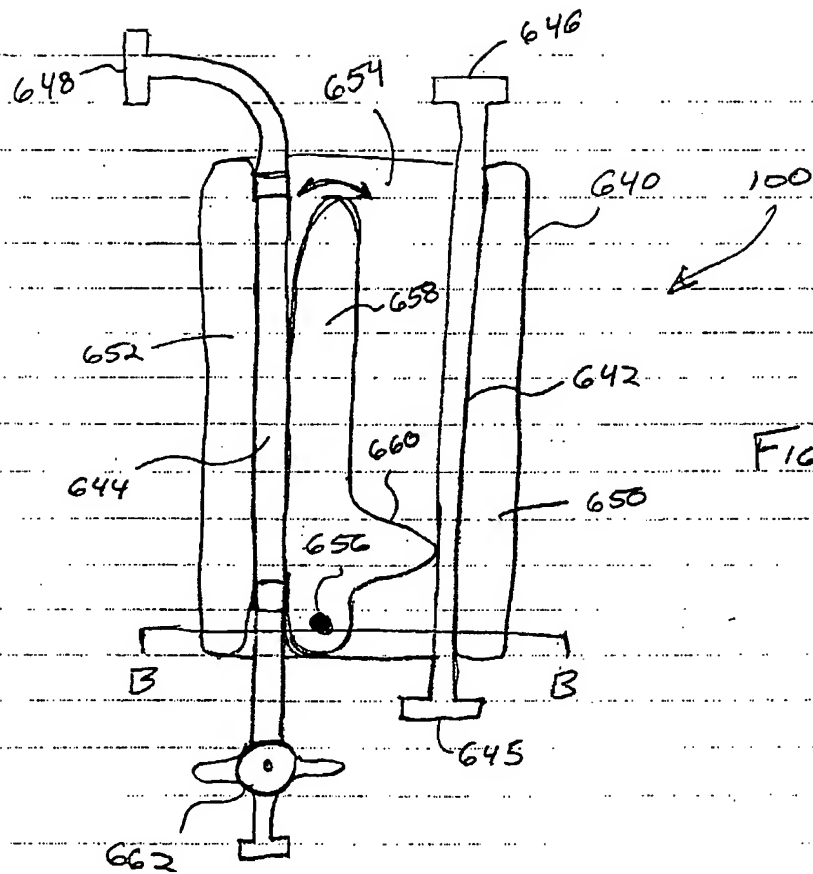


FIG. 19A

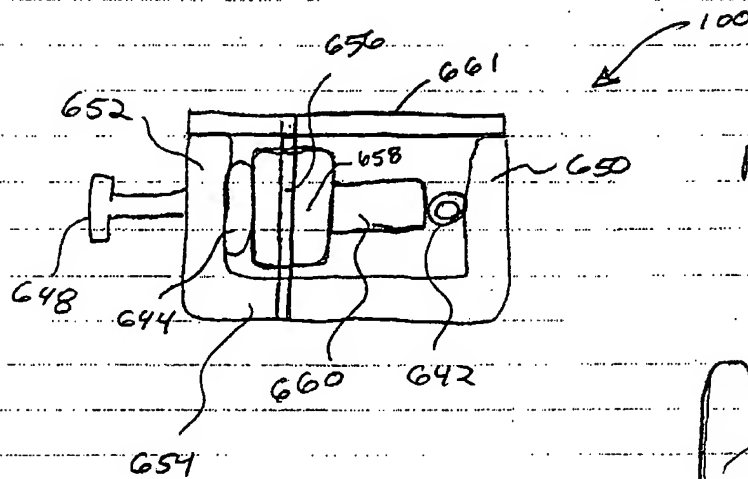
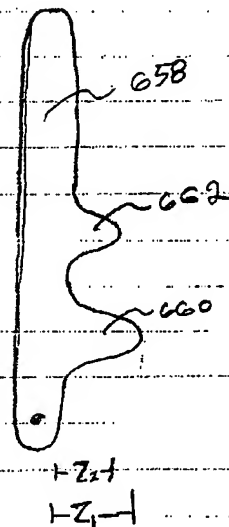
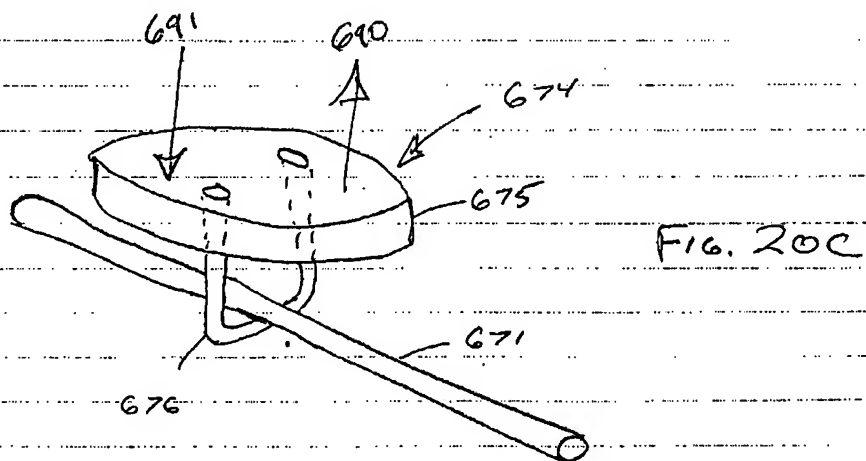
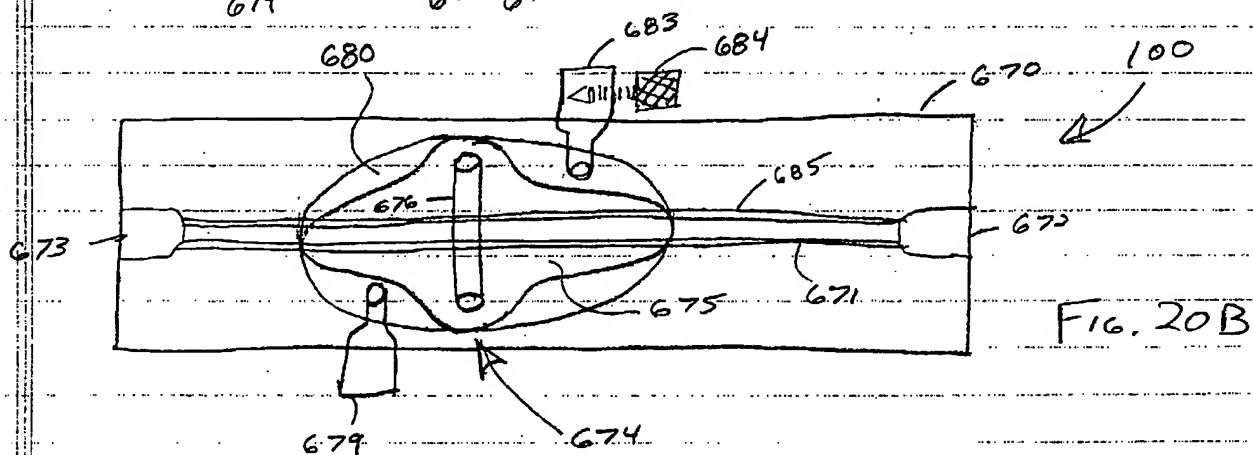
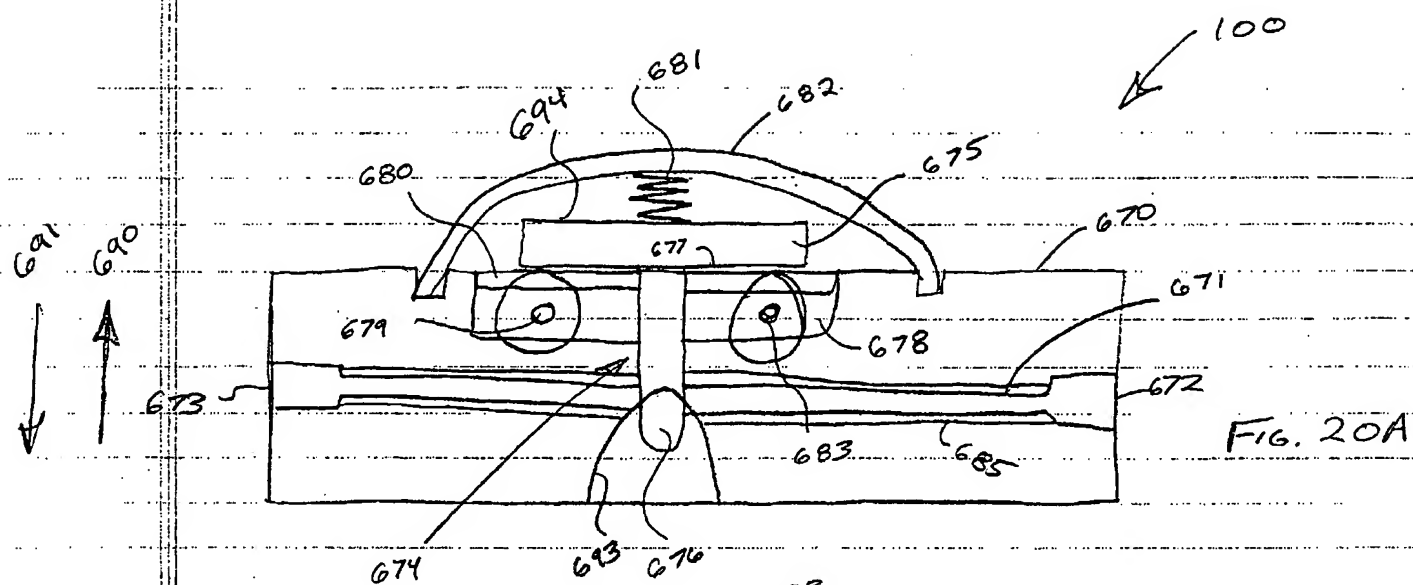


FIG. 19B

FIG. 19C





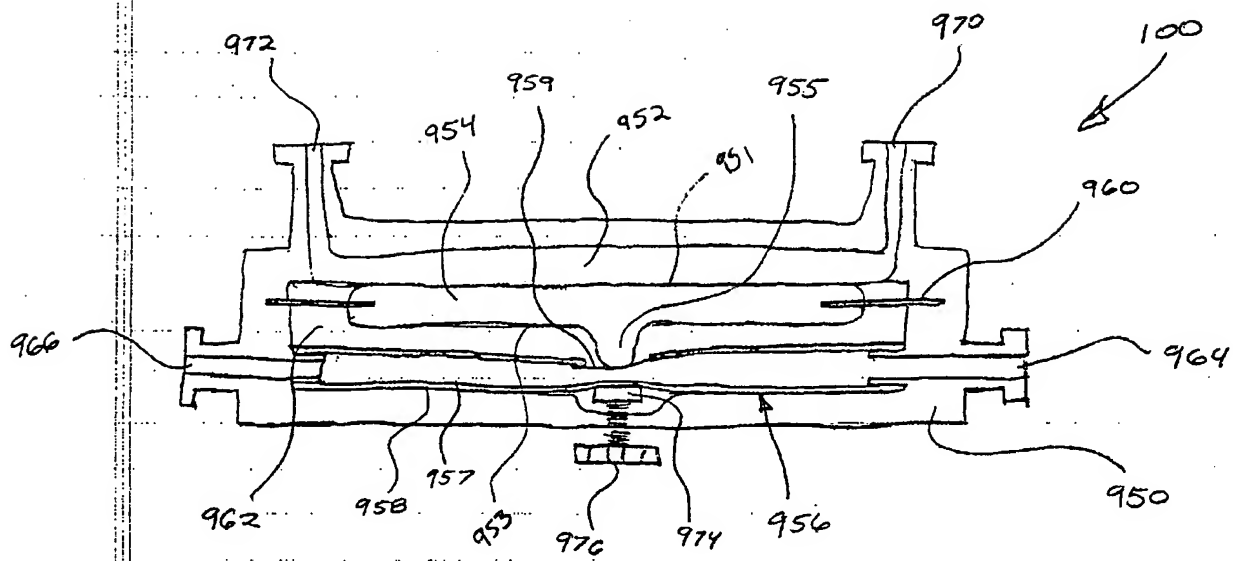


FIG. 21

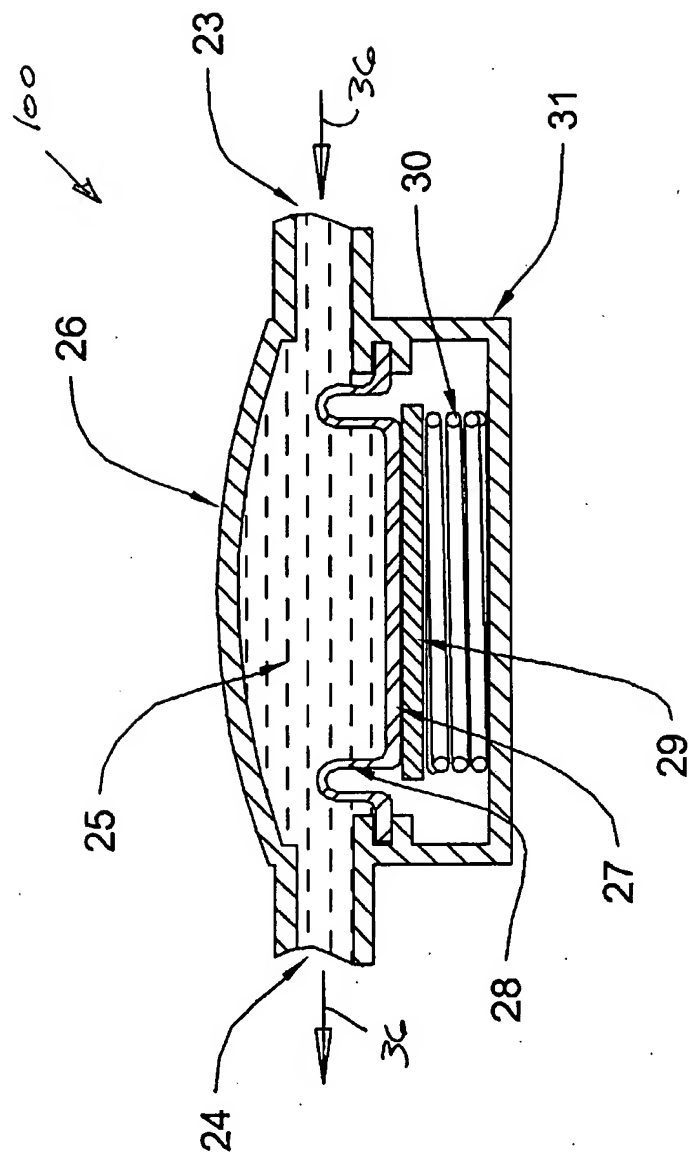


Figure 22

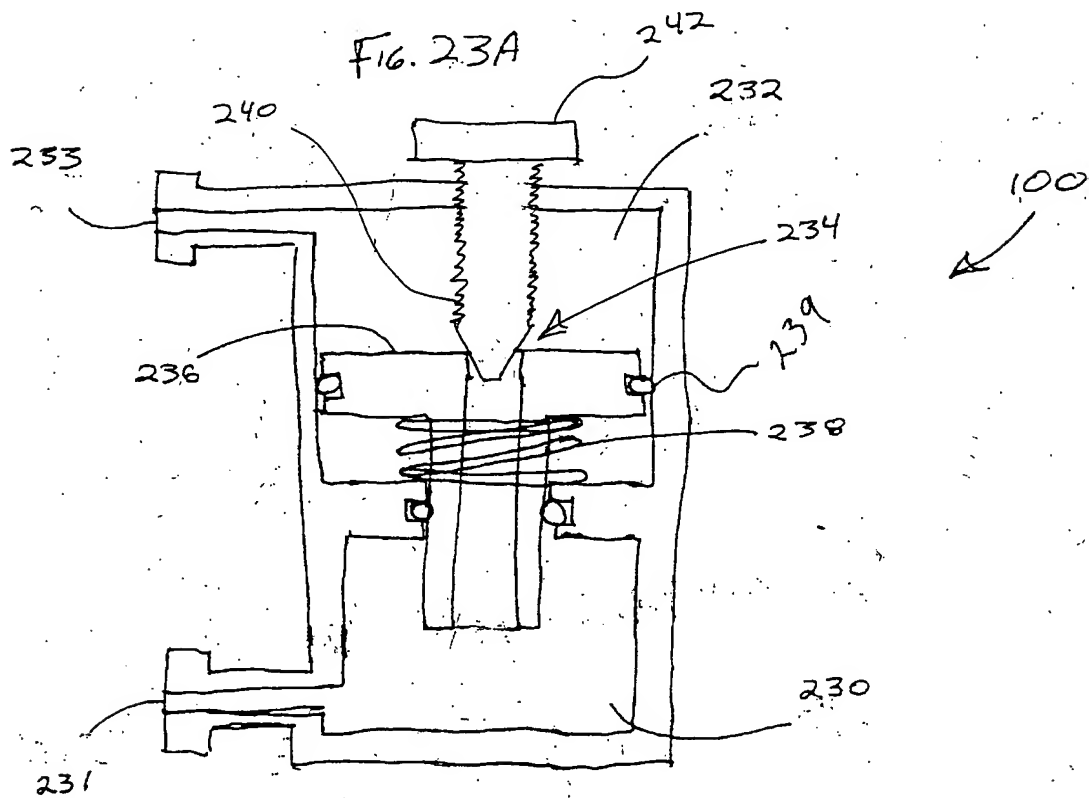
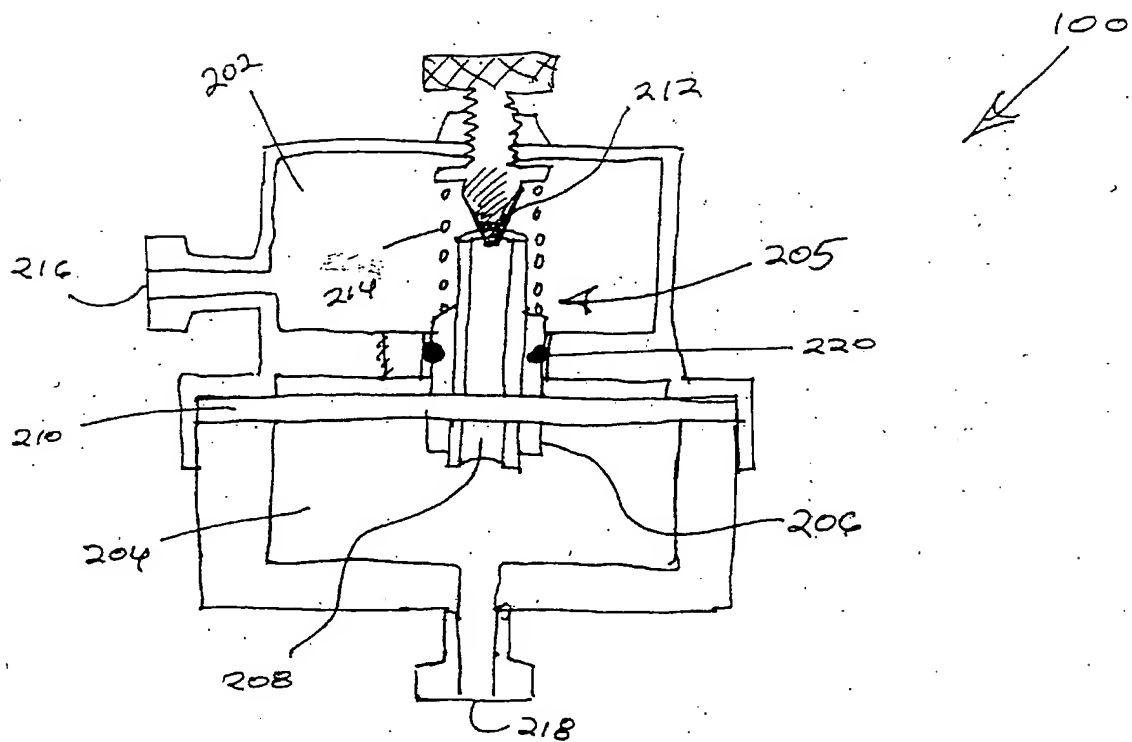


FIG. 23B

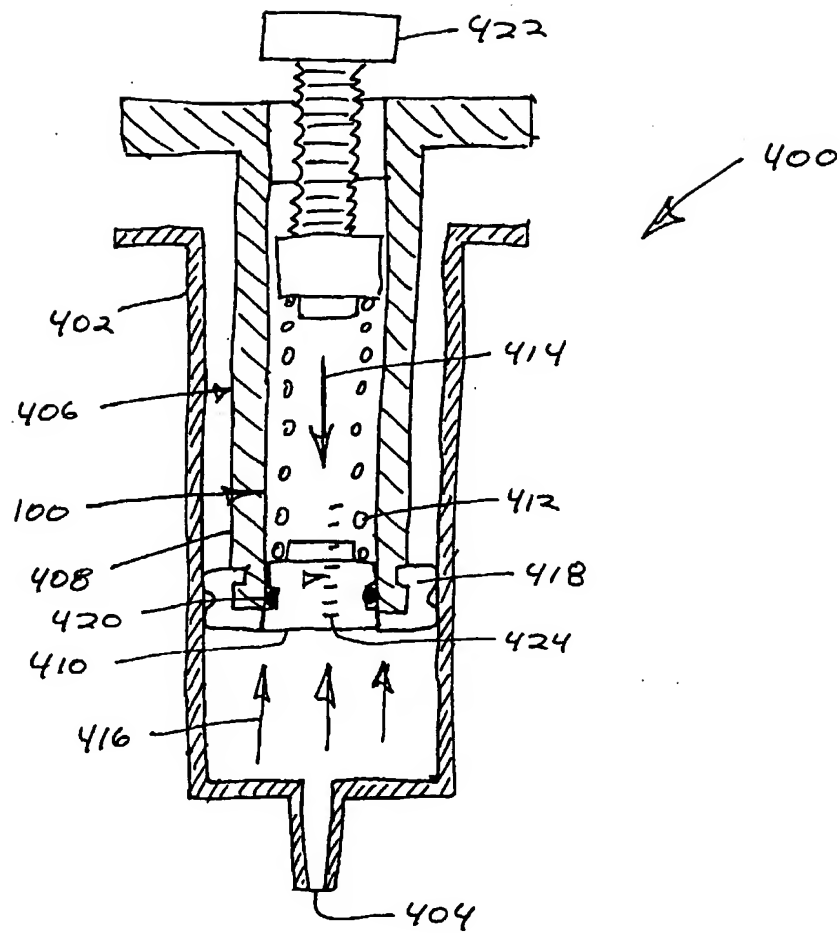


FIG. 24A

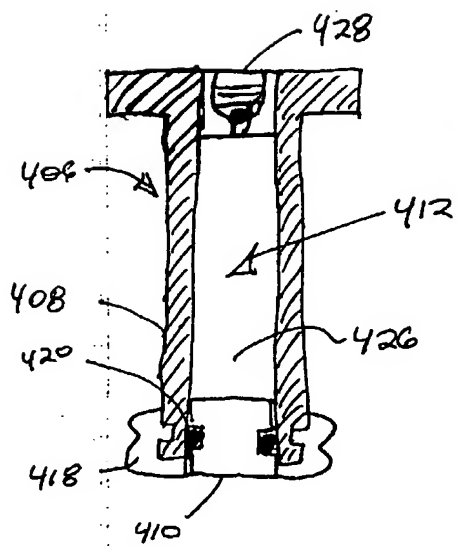


FIG. 24B

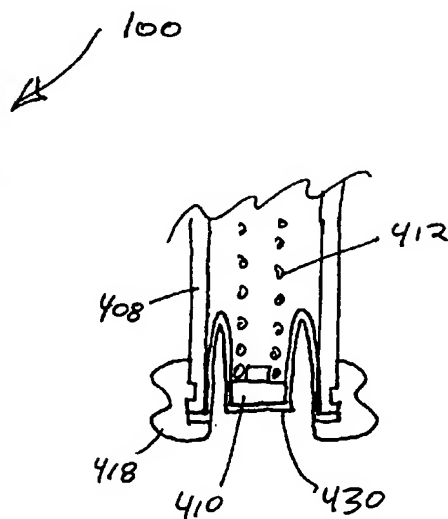


FIG. 24C

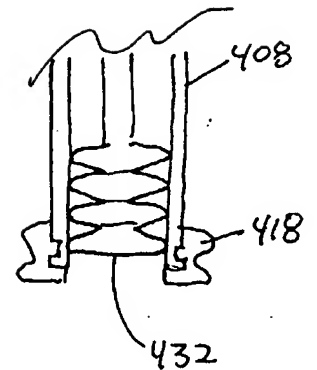


FIG. 24D



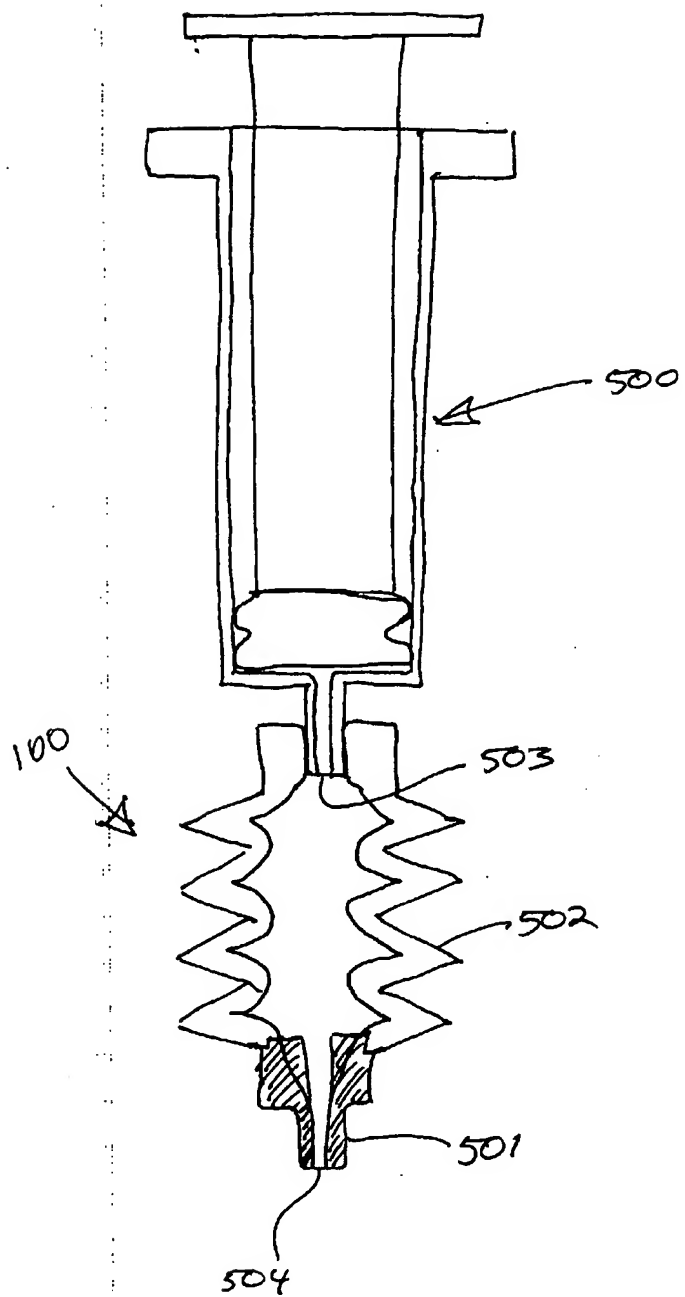


FIG. 25A

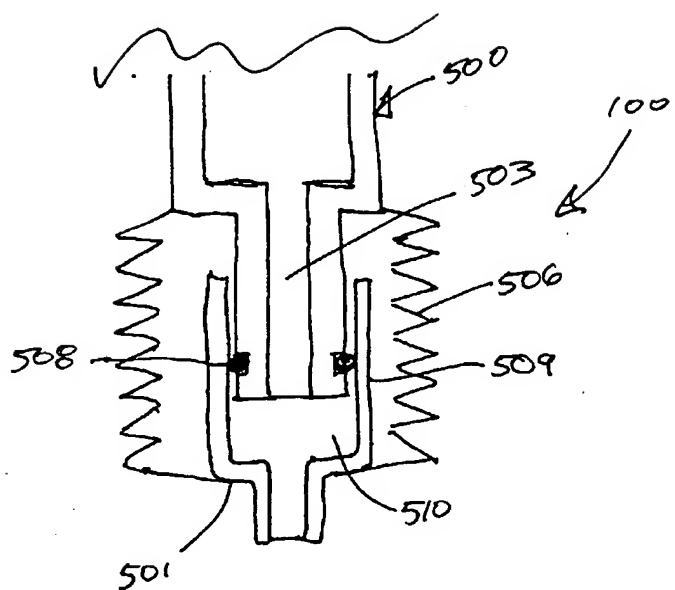


FIG. 25B